



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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TEXAS, North

TXZ091>095-100>107-
115>123-129>135-
141>148-156>162-174>175 Montague - Cooke - Grayson - Fannin - Lamar - Young - Jack - Wise - Denton - Collin - Hunt - Delta - Hopkins - Stephens -
Palo Pinto - Parker - Tarrant - Dallas - Rockwall - Kaufman - Van Zandt - Rains - Eastland - Erath - Hood - Somervell -
Johnson - Ellis - Henderson - Comanche - Mills - Hamilton - Bosque - Hill - Navarro - Freestone - Anderson - Lampasas -
Coryell - Bell - McLennan - Falls - Limestone - Leon - Milam - Robertson

01 0000CST 0 0 120M Drought
30 2359CST

Drought conditions worsened across north Texas in November. The regions of east and north Texas considered to be in severe drought (D2) as classified by the U.S. Drought Monitor continued to expand. An area of extreme drought (D3), which returned to the area in October, expanded to encompass a roughly twenty-four thousand square mile area, including the Dallas/Fort Worth metroplex.

The average high temperature for the month was 7.7 degrees above normal. Rain was only measured one day at Dallas/Fort Worth...a meager 0.02 inches. The period from September through November this year ranked as the driest fall on record for Waco, during which only 1.46 inches of rain fell. It was the 4th driest fall on record for Dallas/Fort Worth, with only 2.25 inches of rainfall.

Both hydrological and agricultural impacts were noted in the Drought Impact Reporter this month. Several grass fires broke out in north Texas in the last few days of November, destroying over twenty homes. Low humidities and high winds accelerated grass fires in six north Texas counties on the 27th. Similar conditions on the 28th made it difficult for firefighters battling fires for a second day. The fires destroyed homes, forced hundreds to evacuate, and injured firefighters. One fire began west of Cleburne in Johnson County and spread into Tarrant County, burning 1,000 acres and twenty-four structures, according to the Johnson County Sheriff's Department.

Significant agricultural impacts became more widespread this month as the drought worsened. The U.S. Department of Agriculture declared five counties in Texas natural disaster areas, including Fannin, Grayson, Collin, Delta, Lamar, and Hunt. Texas Governor Rick Perry also requested assistance for six other north central Texas counties (Coryell, Henderson, Johnson, Rockwall, Tarrant, and Van Zandt) due to worsening drought conditions.

According to the Drought Impact Reporter, Texas agriculture officials noted mounting losses from the 2005 drought in the eastern two-thirds of the state, especially in the livestock sector. Sales of cattle normally account for about half of the cash receipts in the state. The Texas Agricultural Statistics Service stated that market prices were lower for calves this fall, causing many ranchers to sell lighter calves and take lower prices because there was not enough grazing for the winter. Farm Services Agency statistics indicated non-irrigated forage grazing losses of 77% in Grayson County. Only about half of the 2005 hay crop was harvested, and many farmers were unable to harvest second and third cuttings, causing hay prices to increase sharply. Many producers had to haul water to pastures because stock tanks dried up. In addition, most of the one million acres of wheat planted this year in drought-affected areas did not come up. Fall-planted grains such as oats and rye, used for winter grazing, were similarly affected.

The drought continued into December.

TXZ093-103

Grayson - Denton

15 0930CST 0 0 25K Strong Wind (ES40)

Gusty north winds behind a strong cold front blew a large oak tree onto a house and destroyed part of a roof and a bedroom in Denison, Grayson County. Several power lines were also blown down in the towns of Pilot Point and Aubrey in the northeastern part of Denton County.



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					Killed	Injured	Property	Crops	

TEXAS, North

TXZ093>094

Grayson - Fannin

27	1600CST 1830CST				0	0	3K		High Wind (ES50)
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A strong dry line and cold front brought gusty winds to areas of north Texas. In Grayson County, trees were uprooted in Denison, and power lines and signs were blown. In Fannin County, roof damage occurred to a building at the corner of Hamilton and Pearl Streets in downtown Trenton.

Henderson County

1 S Athens

27	1700CST				0	0			Hail(0.88)
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TXZ101-129-133

Jack - Eastland - Johnson

27	1802CST 2100CST				0	0	870K		Wildfire
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Several grass fires erupted across north Texas due to low humidities...strong winds...and the ongoing drought. 2000 acres burned in rural Jack County, and a 2 1/2 mile wide area of cedar trees burned near Ranger in Eastland County. Another 6000 acres caught on fire in Johnson County between Godley and Joshua, destroying 24 structures